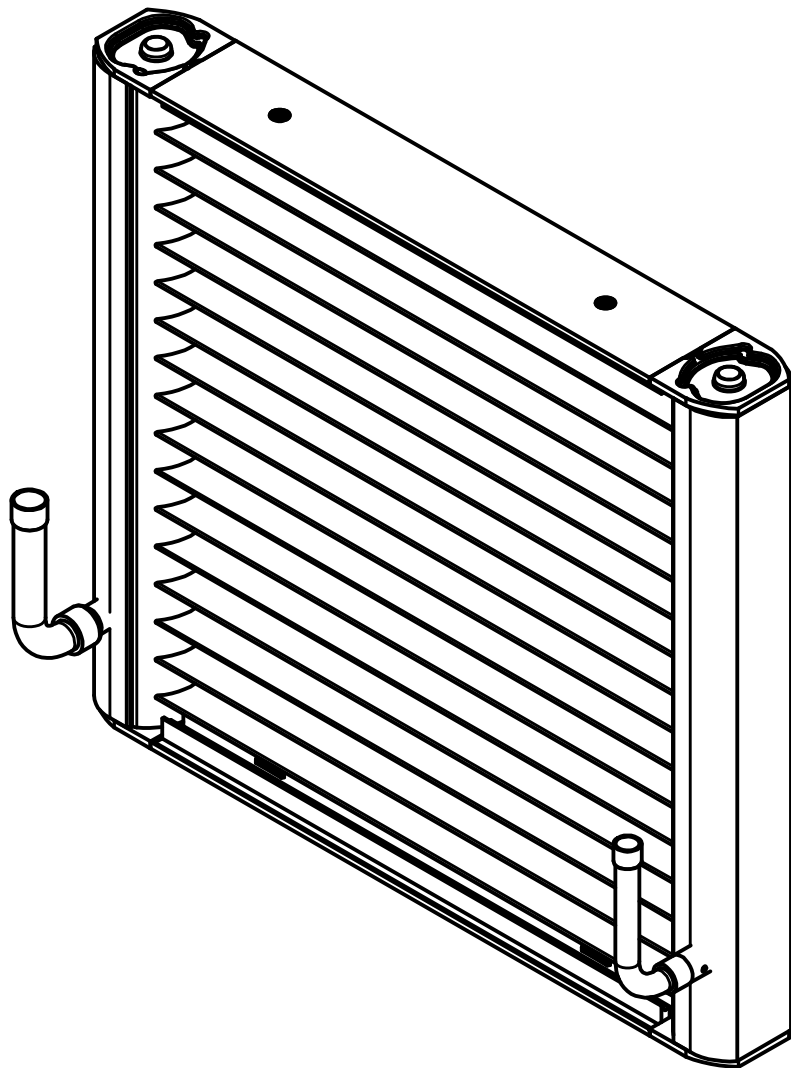
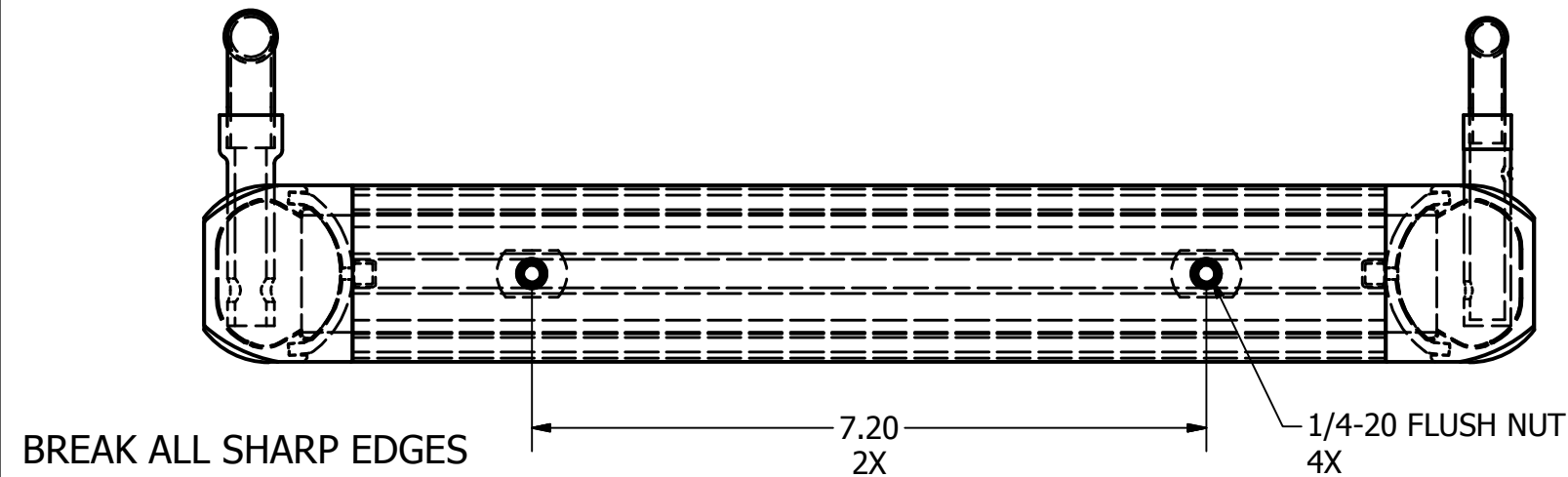
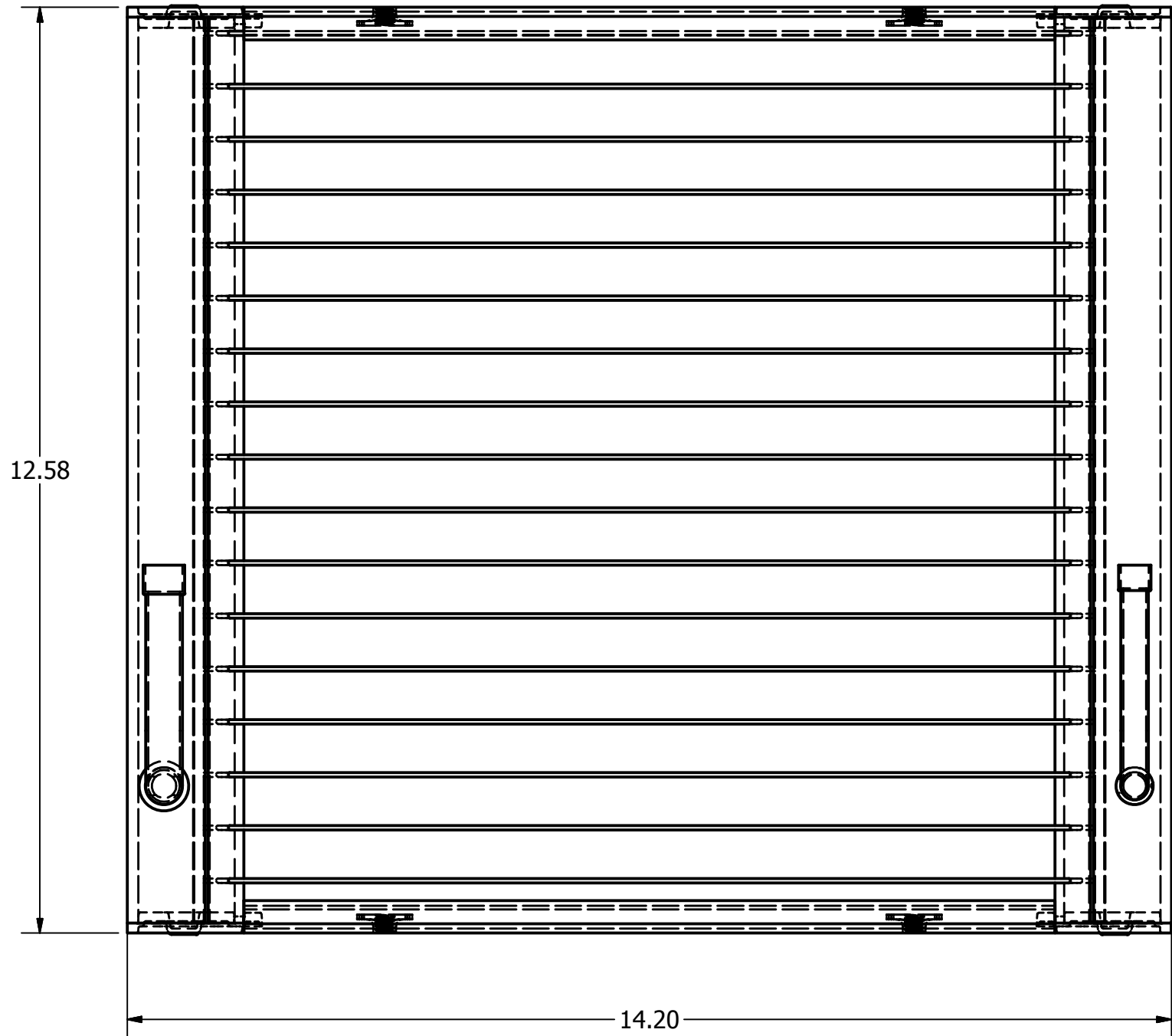


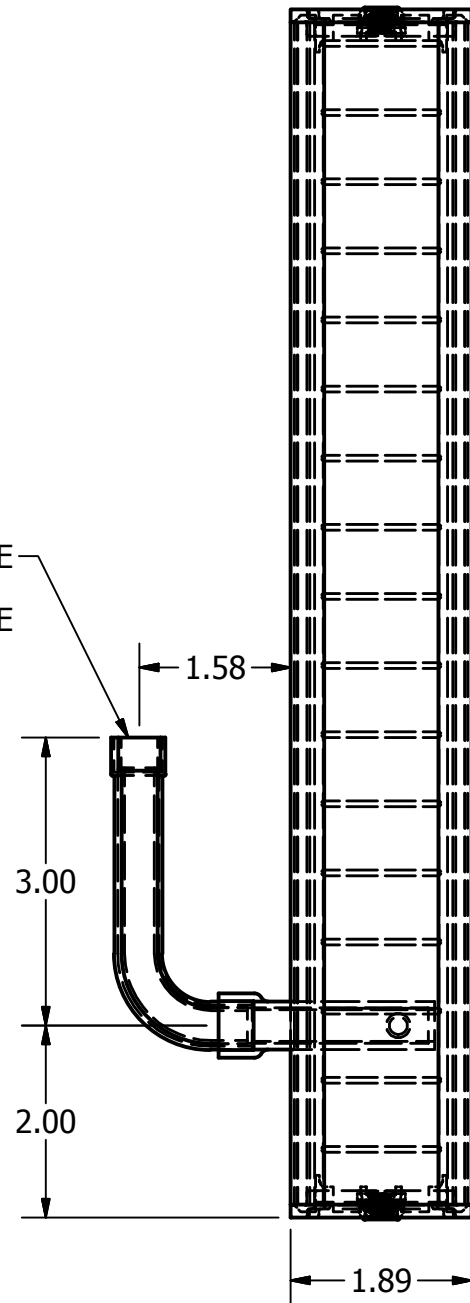
NOTES:

1. THIS DRAWING DEFINES THE OVERALL GEOMETRY AND PERFORMANCE SPECIFICATIONS OF THE PART/ASSEMBLY, AND CONSTITUTES THE ACCEPTANCE CRITERIA THEREOF, CONFORMANCE OR HARDWARE TO THESE REQUIREMENTS IS ACCEPTABLE IN LIEU OF VENDOR DOCUMENTATION.
2. ACCEPTED MFR'R: EVAPCO ALCOIL, INC.
3627 SANDHURST DR.
YORK, PA 17406
(717) 347-7500
3. MATERIAL: BRAZED ALUMINUM

ASSEMBLY	MFR'R P/N
-1	C11.9x12x1.25V-13M24-L5936-01



REFRIGERANT IN: Ø0.500 OD TUBE
REFRIGERANT OUT: Ø0.375 OD TUBE



REVISION HISTORY					
REV	DATE	DESCRIPTION	AUTHOR	CHECKED BY	APPROVED
A	04/26/2018	CHANGED MANUFACTURER FROM ALCOIL TO EVAPCO ALCOIL, INC.	ZA	LB	MEH

DESIGN CONDITIONS	AIR SIDE	REFRIGERANT SIDE
AIR		
Volume Flow - Actual	900 acfm	
Volume Flow - Standard	875 scfm	
Altitude	0 ft	
Inlet Dry Bulb	104.0 F	
Outlet Dry Bulb	127.0 F	
Pressure Drop	0.72 in w.g.	
REFRIGERANT		
Mass Flow		R-134a 4.9 lb/min
Inlet Gas Temperature		170.0 F
Condensing Temp. - Design		138.0 F
Condensing Temp. - Actual		136.8 F
Outlet Subcooling		1.0 F
Condensing Pressure - Design		223.0 psig
Mini Receiver Volume		N/A
Total Volume		43.1 cu in
Pressure Drop		0.3 psi

CONDENSER DATA	
PARAMETER	DESCRIPTION
COIL FACE WxH	11.9 in x 12.0 in
DRY WEIGHT	5.7 lbs
# TUBES	34
TUBE	1.25B, 1.25" wide
FIN TYPE	LOUVERED, 24 fpi
COIL ORIENTATION	VERTICAL
DESIGN WORKING PRESSURE	450 psig
TEST PRESSURE	450 psig
HEAT REJECTION	21000 Btu/h

Paravion® Technology Inc.		TITLE CONDENSER		DRAWING NUMBER ES90123	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY JT	CHK'D BY	APRVD. BY	DATE 4/2/15
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		REV A	ECO
3RD ANGLE PROJECTION		© 2015 PARAVION TECH. INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY INC.		SHEET 1 OF 1	

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PERMISSION OF PARAVION TECHNOLOGY, INC.

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